



1637
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Atty. Docket No.: 5568/1012

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Muraca
Serial No.: 09/888,362
Filed: June 22, 2001
Entitled: Frozen Tissue Microarrays and
Methods for Using the Same

Examiner: Spiegler,
Alexander H.
Group Art Unit: 1637
Conf. No.: 8909

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Bethany Stokes

Name of Person Mailing Paper

Bethany Stokes

Signature of Person Mailing Paper

Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Response to Office Action mailed January 13, 2003;
2. Supplemental Information Disclosure Statement;
3. PTO Form 1449 citing 15 references;
4. Copies of 15 cited references;
5. Check in the amount of \$180.00 for the requisite fee; and
6. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 5568/1012. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: April 14, 2003

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AMENDMENT AND REPLY

Sir:

This Amendment is being filed in response to the Office Action mailed from the U.S. Patent and Trademark Office on January 13, 2003 in the above-identified application. Reconsideration and further examination are requested.

Please enter the following amendments and remarks.

AMENDMENTS

In the specification:

Please replace the paragraph at page 40, lines 4 through 12, with the following paragraph:

AI
In one aspect, a frozen microarray is contacted with a molecular probe (e.g., an antibody, nucleic acid, and/or aptamer probe) reactive with a biomolecule and the reactivity of the molecular probe is measured to provide an indication of the presence, absence, or form of the biomolecule. Reactivity can be any of: binding, cleavage, processing, and/or labeling, and the like. Preferably, reactivity of the molecular probe with test samples in the microarray is compared with reactivity of the molecular probe with one or more control samples on the same or a different microarray comprising a known amount and/or form of the biomolecule. Molecular profiling can be performed